

Patent claims

1. Wiper arm (10, 100) of a wiper device comprising a coupling section (12, 112) for connecting a flat wiper blade (14), wherein the wiper arm (10) is designed to be U-shaped in cross section at least in part, with a back (22) and two side walls (24, 26), characterized in that the coupling section (12, 112) comprises a stand-alone wall section (28) of one side wall (26) which protrudes beyond the back (22) and the other side wall (24) in the longitudinal direction, and a hinge pin (30) attached to this wall section (28) for coupling to a connecting section (20) of the wiper blade (14).
2. Wiper arm (100) according to Claim 1, characterized in that the back (122) is designed to be wider in the transverse direction than the length of the hinge pin (130) in the transverse direction.
3. Wiper arm (100) according to Claim 2, characterized in that the back (122) at least substantially covers a wiper blade arranged on the wiper arm (100).
4. Wiper arm (100) according to Claim 2 or 3, characterized in that the wiper blade is arranged at least in part between the side walls (124, 126) of the wiper arm (100).
5. Wiper arm (10) according to Claim 1, characterized in that the back (22) is designed to be narrower in the transverse direction than the length of the hinge pin (30) in the transverse direction.

6. Wiper arm (10) according to Claim 5, characterized in that the coupling section (12) comprises a projection (36) which adjoins the back (22), is L-shaped in cross section and has a web (38) extending transversely to the longitudinal direction and a stop (40) formed parallel to the wall section (28).
7. Wiper arm (10) according to Claim 5 or 6, characterized in that the wiper blade (14) in the assembled state is arranged laterally next to the wiper arm (10).
8. Wiper arm (10, 100) according to one of the preceding claims, characterized in that the hinge pin (30, 130) is riveted to the wall section (28, 128).
9. Wiper device comprising a wiper arm (10, 100) according to one of the preceding claims and a flat wiper blade (14) which can be connected to the coupling section.